

FIG. 1A
(PRIOR ART)

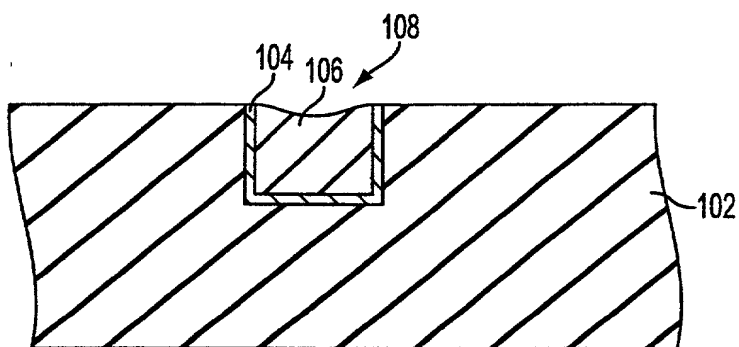


FIG. 1B
(PRIOR ART)

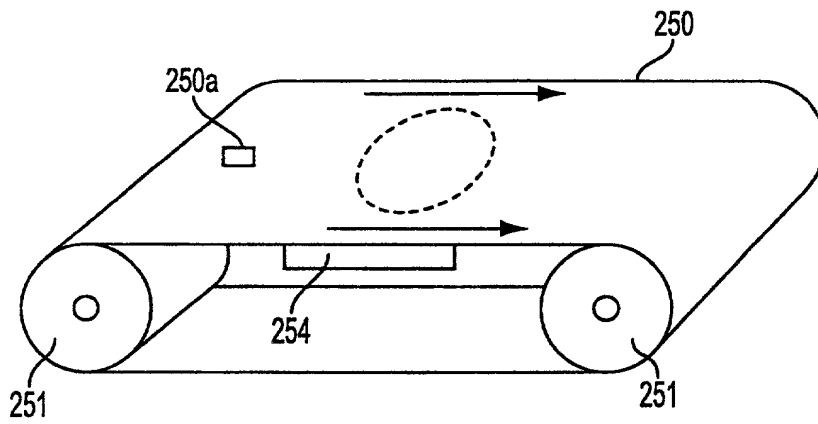


FIG. 2A

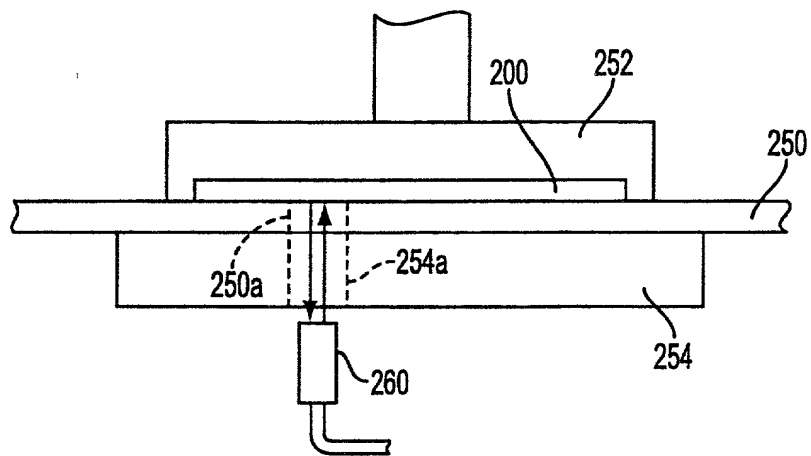


FIG. 2B

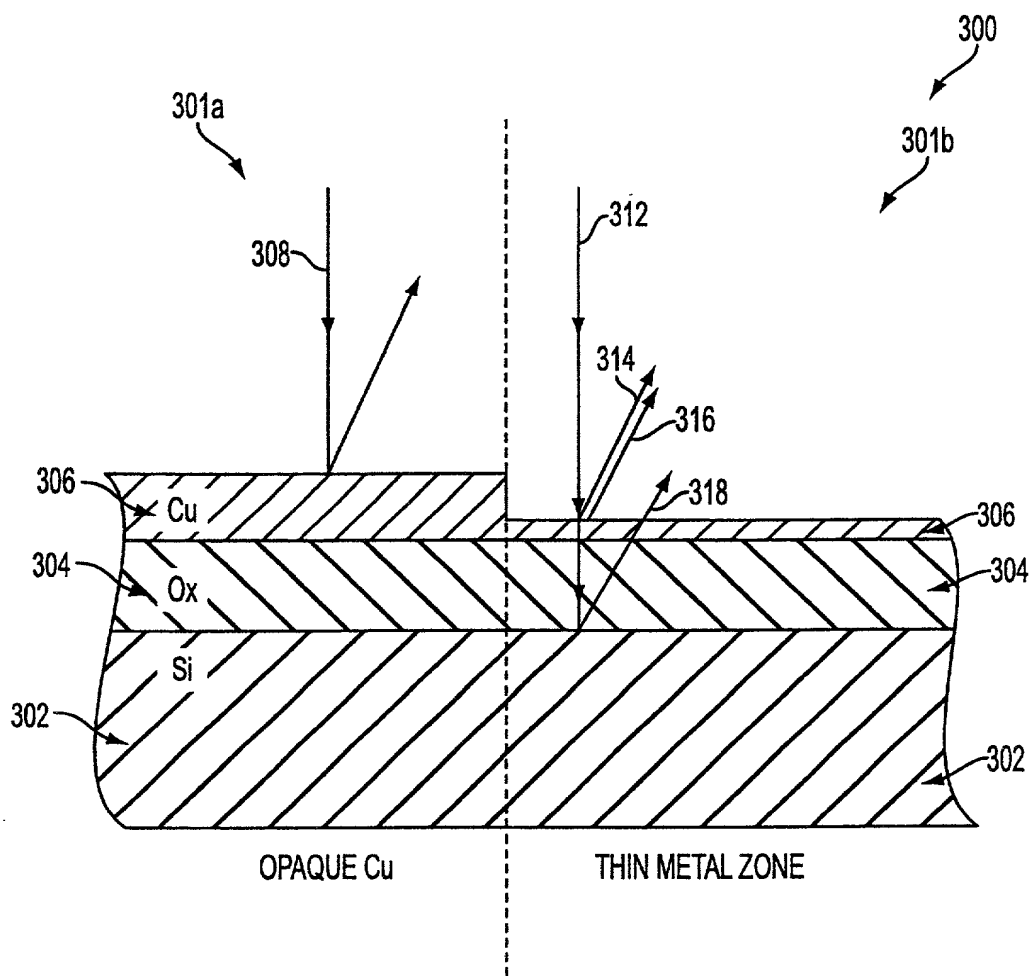


FIG. 3

400

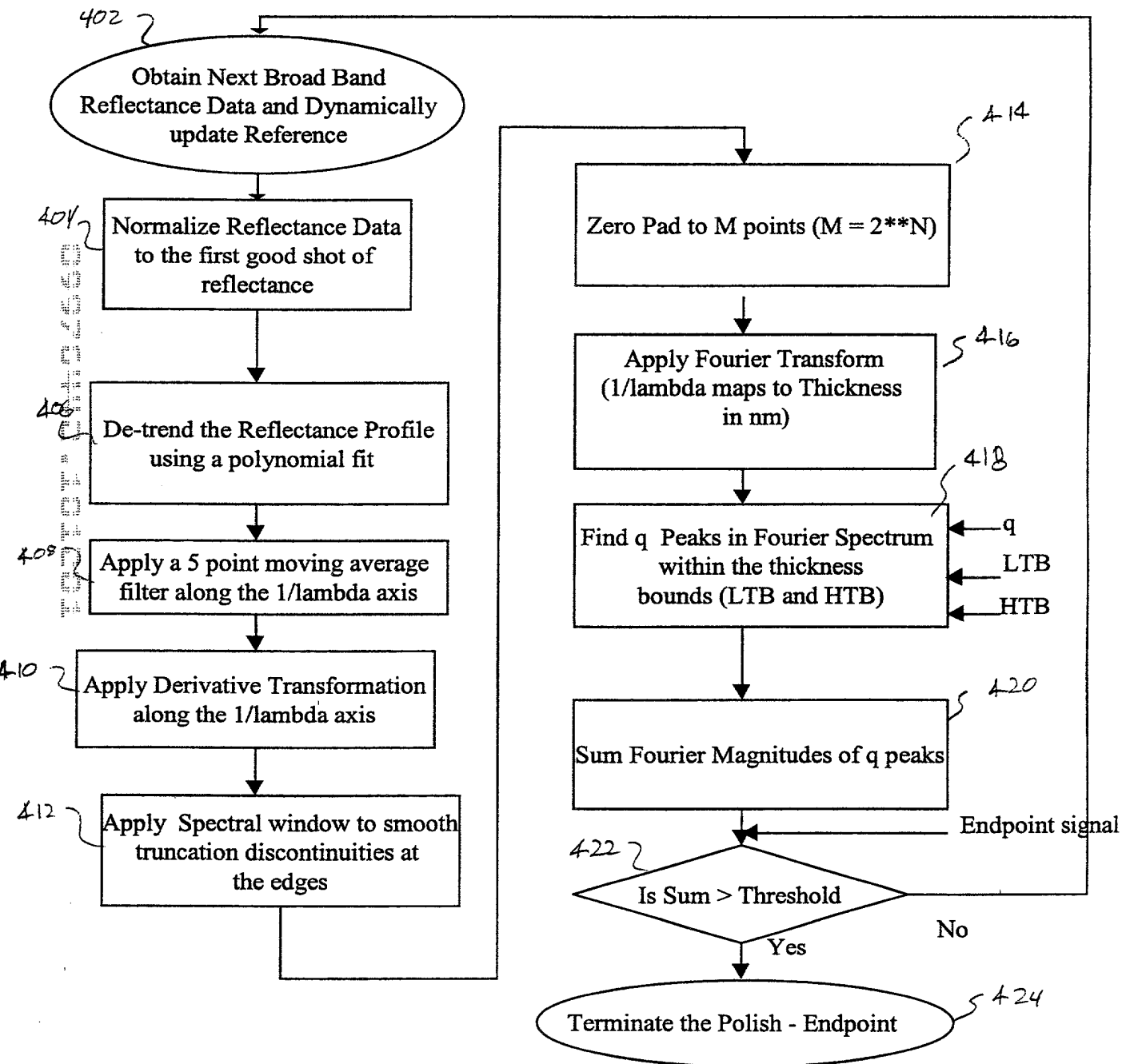


FIG. 4

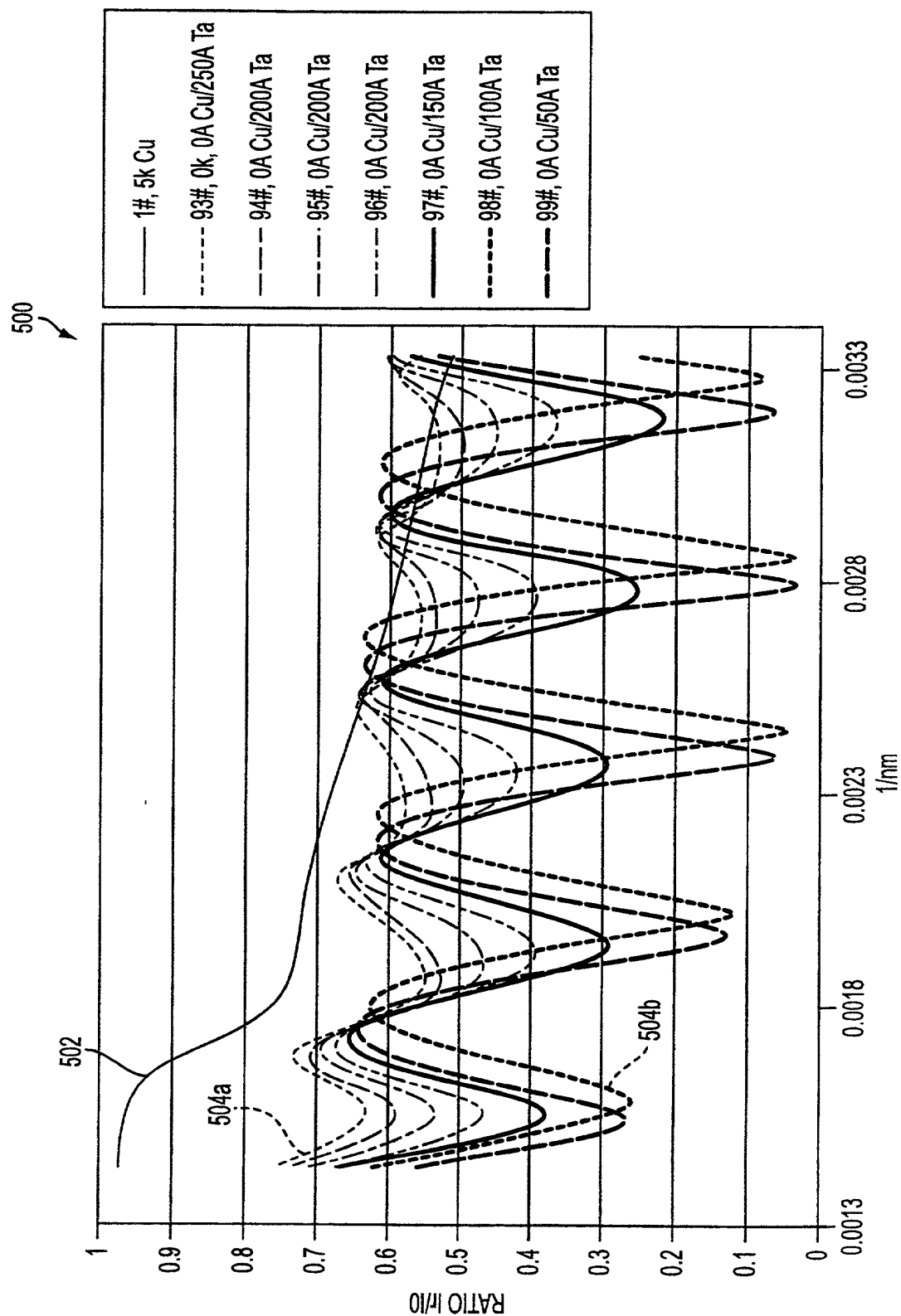


FIG. 5

600

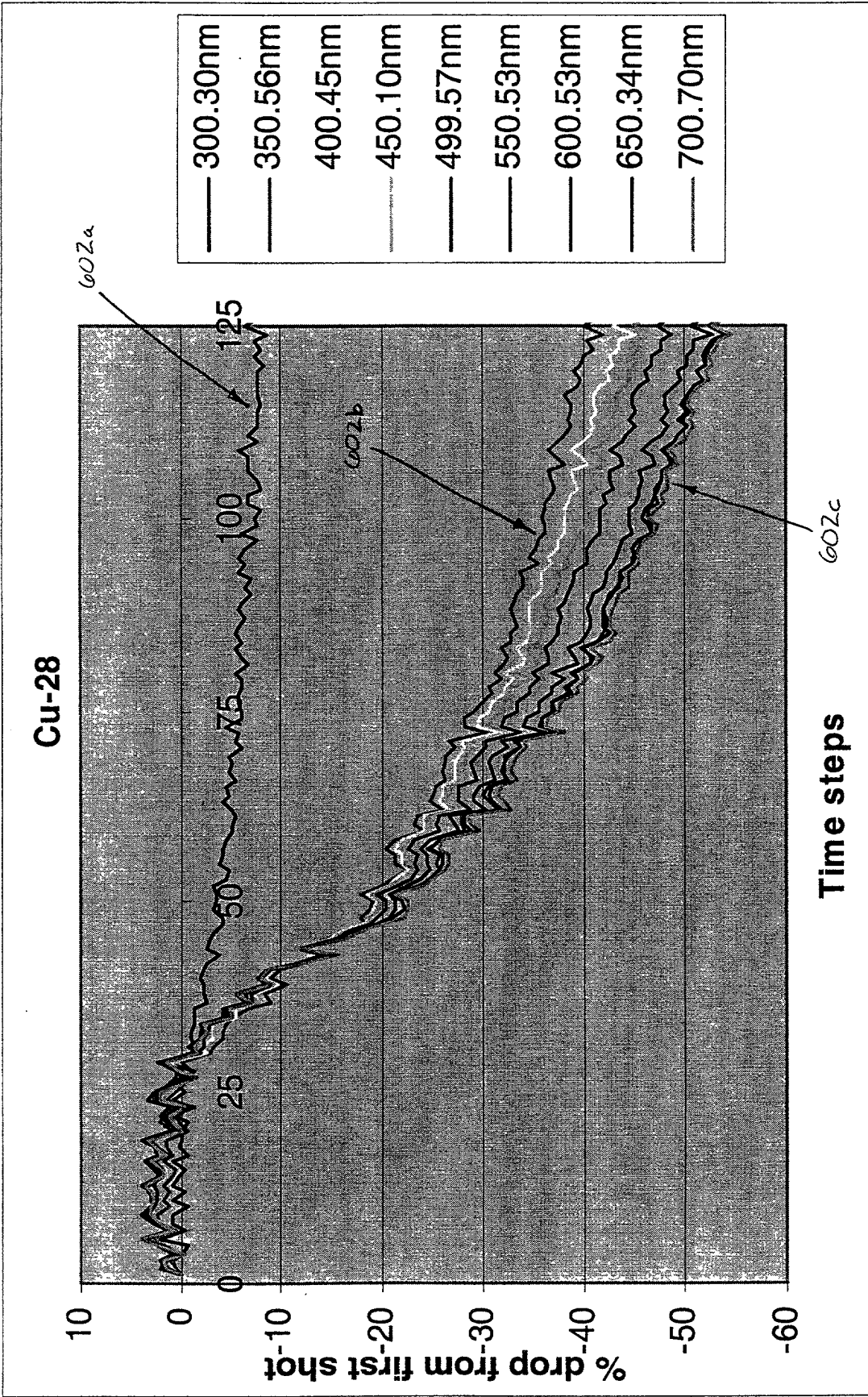


FIG. 6

402

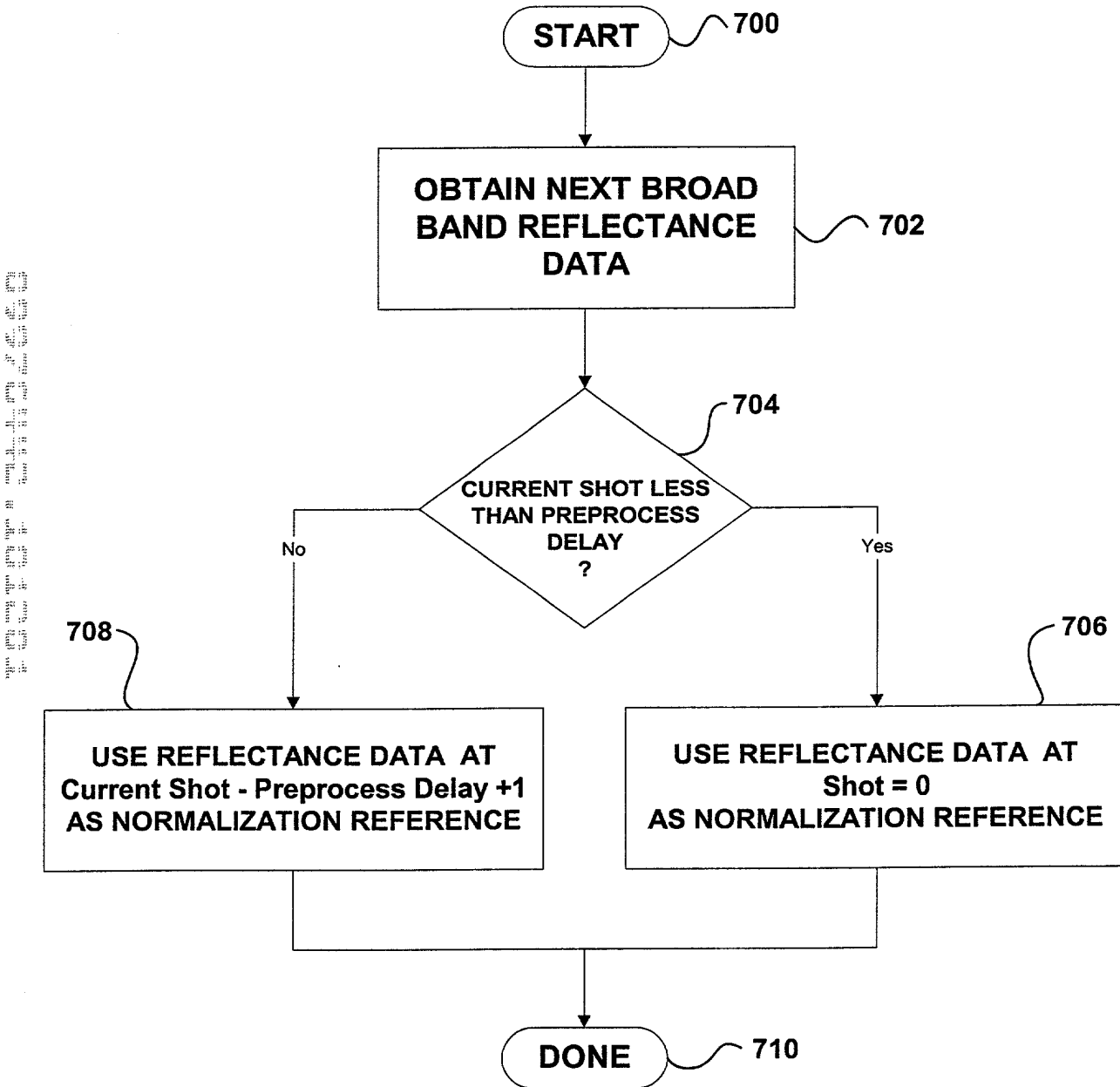


FIG. 7

FIG. 8B is a block diagram of a system 800 for processing a reflected spectrum. The system 800 includes a sampling interval 802a, a trailing reference delay 802b, a current time 802c, and a reflected spectrum 802d. The system 800 also includes a vector median filter 804 and a normalization block 804.

800

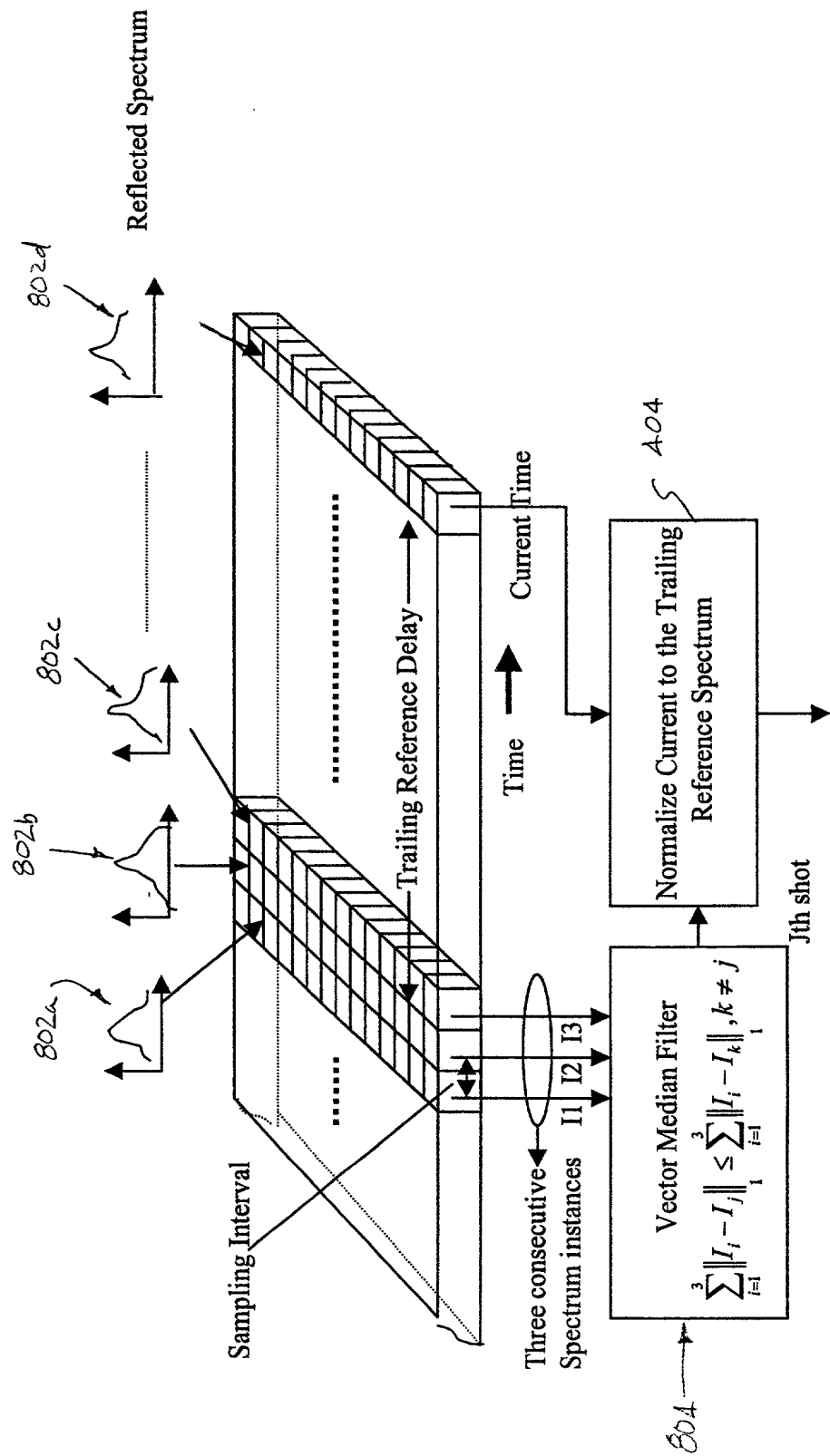


Fig. 8B

FIG. 9 is a graph showing the thickness of the film in Angstroms (Å) versus the thickness of the substrate in Angstroms (Å). The graph displays several curves labeled SHOT 90 through SHOT 98, representing different shots or measurements. The curves show a sharp increase in thickness at approximately 10,000 Å, followed by a plateau and then a gradual decrease. The curves are labeled with '904' and '902' at various points, indicating specific thickness values or features.

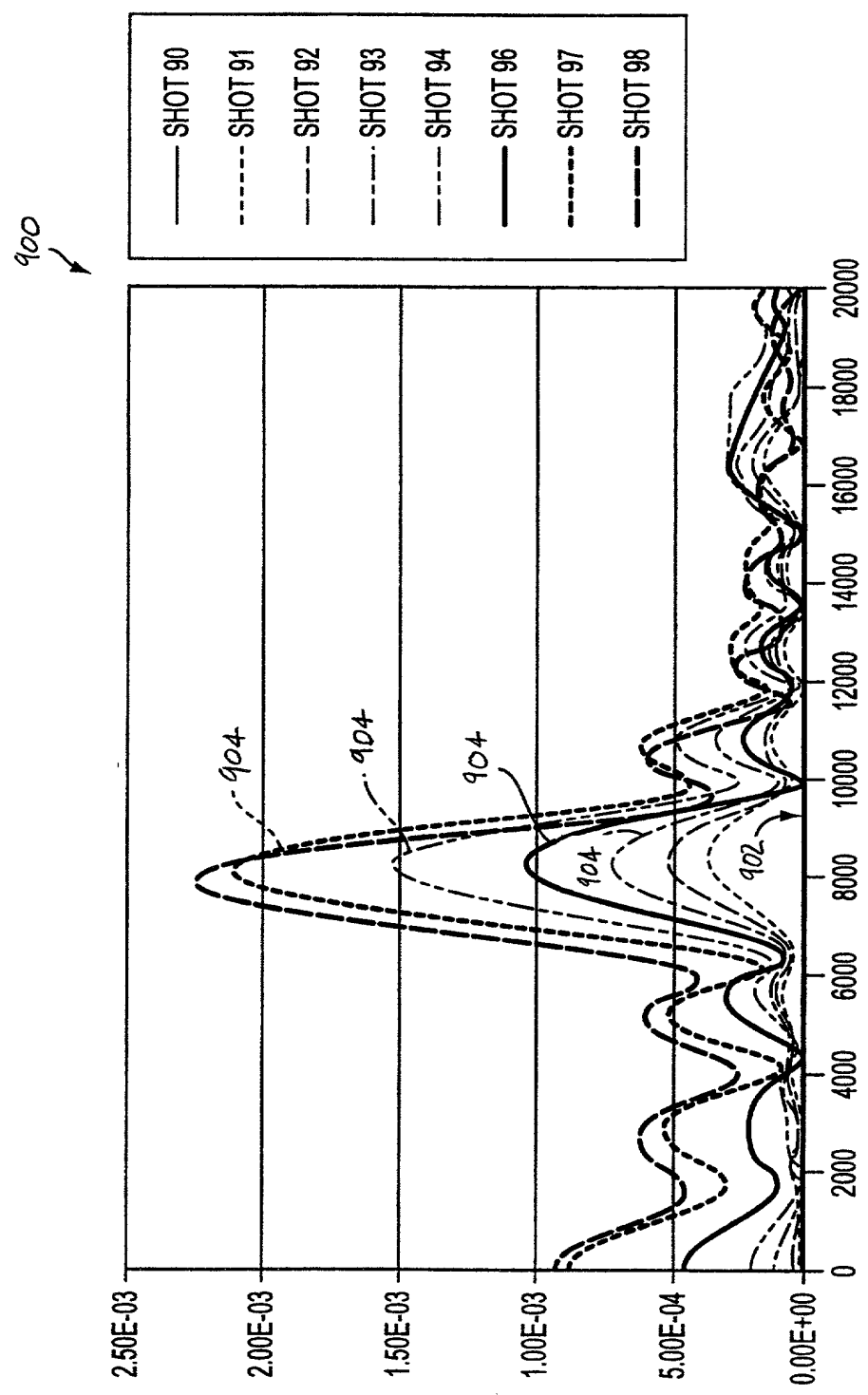
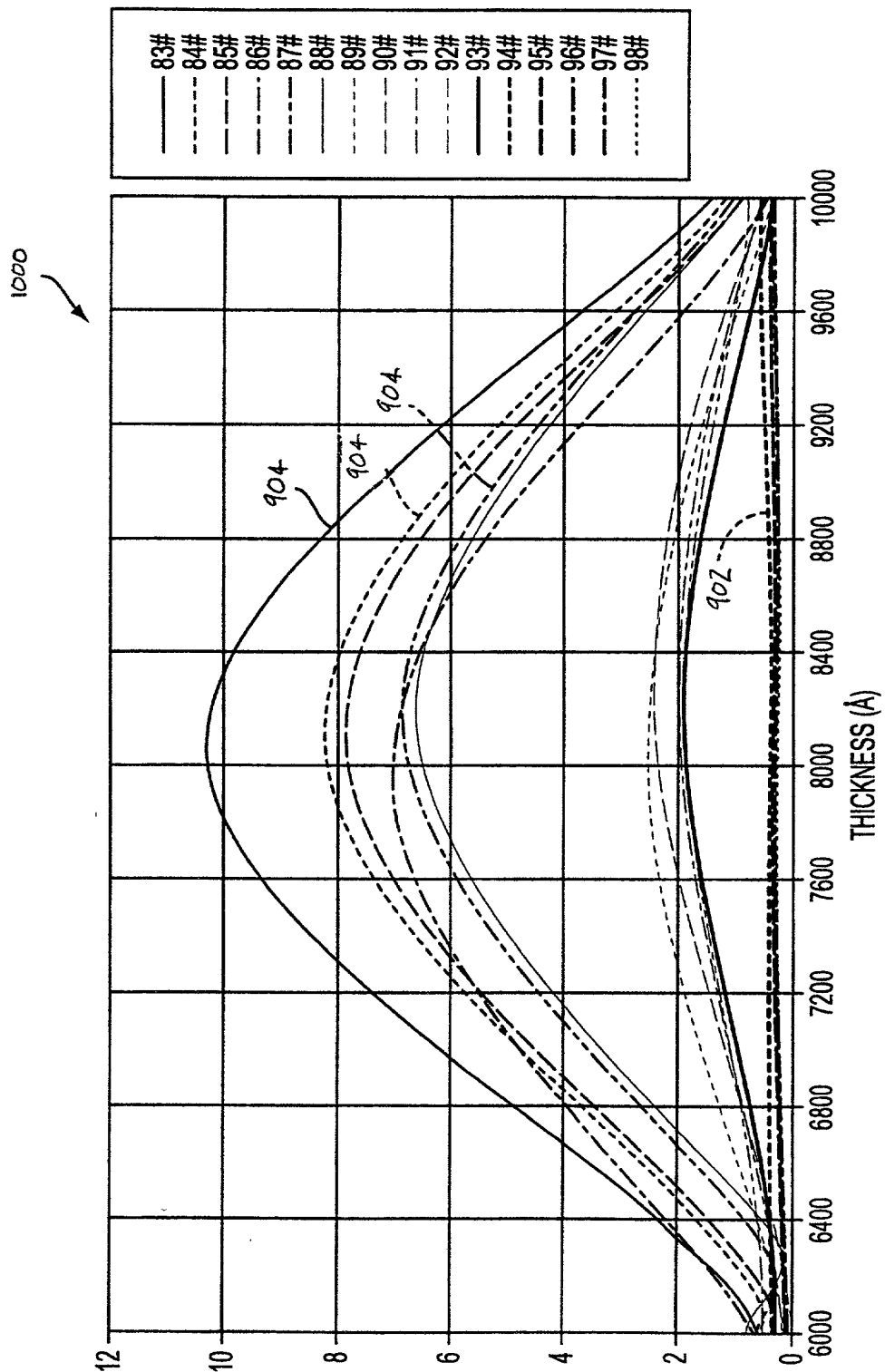


Fig 9



Fe. 10



Fig. 11

1200

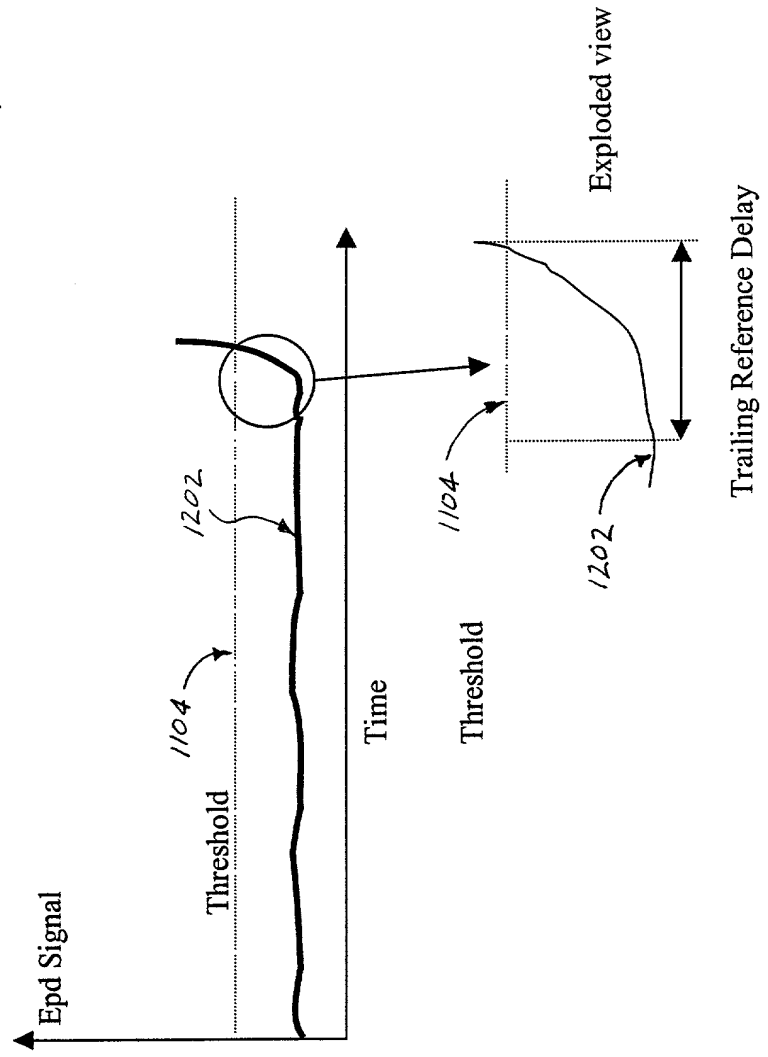


Fig. 12

FIG. 13 is a graph showing the Eppd Signal versus Time. The graph includes a solid line 1300, a dashed line 1302, a dotted line 1304, and a dash-dot line 1306. A horizontal dashed line 1104 is also shown. The solid line 1300 starts at a high level, drops sharply, and then levels off. The dashed line 1302 starts at a high level, drops sharply, and then levels off at a lower level than 1300. The dotted line 1304 starts at a high level, drops sharply, and then levels off at a lower level than 1302. The dash-dot line 1306 starts at a high level, drops sharply, and then levels off at a lower level than 1304. The horizontal dashed line 1104 is at a constant level.

1300

1302

1304

1306

1104

Eppd Signal

Time

FIG. 13